

09/194,991
 AP 8985 (64098-0612)
 Paper 12
 Page 2

B¹
 amended.

brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear,

wherein the reduction gear is realized in the form of a spindle drive, a [the] spindle of which forms the power transmission element, and a spindle nut of which is inside the rotor and connected to the rotor in a power-transmitting fashion.

-
- ✓Claim 3 (40), line 2: insert -- a -- after "in".
 - ✓Claim 4 (41), line 2: insert -- a -- after "in".
 - ✓Claim 7 (44), line 2: delete "the" and insert -- a -- therefor.
 - ✓Claim 11 (48), line 2: delete "the housing" and insert -- a housing -- therefor.
 - ✓Claim 11 (48), line 3-4: delete "the end" and insert -- an end -- therefor.
-

B²

12 (49). (Once amended) Electromechanical component for actuating a vehicle parking brake according to Claim 48, wherein the extension has a polygonal inner profile that cooperates with the [correspondingly shaped] end of the spindle, the end of the spindle being shaped correspondingly.

13 (50). (Once amended) Electromechanical component for actuating a vehicle parking brake [according to Claim 38] of the type including a drum brake including two brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear, wherein the rotor is realized as [in the form of] a tubular deep-drawn sheet metal part.

09/194,991
AP 8985 (64098-0612)
Paper 12
Page 3

✓Claim 14 (51), line 2: delete "the spindle nut" and insert -- a spindle nut -- therefor.

✓Claim 15' (52), line 2: delete "is".

✓Claim 16 (53), line 3: delete "the surface" and insert -- a surface -- therefor.

B³

17 (54). (Once amended) Electromechanical component for actuating a vehicle parking brake [according to Claim 38] of the type including a drum brake including two brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear, and further comprising [including] a fixed bearing that is held in a [the] housing of the actuating unit by rolling up a [the] rotor end wherein said fixed bearing supports the [an] end of said rotor.

18 (55). (Once amended) Electromechanical component for actuating a vehicle parking brake [according to Claim 38] of the type including a drum brake including two brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear, and further comprising [including] a bearing cover that is fixed by rolling up a [the] housing, wherein said bearing cover encloses an end of said housing.

✓Claim 19 (56), line 3: delete "the other" and insert -- another -- therefor.

✓Claim 22 (59), line 3: delete "a preferably" and insert -- an -- therefor.

B⁴

23 (60). (Once amended) Electromechanical component for actuating a vehicle

09/194,991
AP 8985 (64098-0612)
Paper 12
Page 4

B4
cancel'd.

parking brake [according to Claim 38] of the type including a drum brake including two brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear, and further comprising [including] a steel cable line arranged between the power transmission element and the expanding lock.

B5

29 (66). (Once amended) Electromechanical component for actuating a vehicle parking brake according to Claim 60 [65], wherein the steel cable line is protected by a bellows, wherein an end of the bellows which faces away from the expanding lock is accommodated by a preferably circular depression provided in the housing of the actuating unit and wherein an [the] end of the bellows which faces the expanding lock is welded to a [the] plastic sheathing of the steel cable line, which surrounds a [the] steel strand, [preferably] by means of ultrasonic welding.

32 (69). (Once amended) Electromechanical component for actuating a vehicle parking brake [according to Claim 38] of the type including a drum brake including two brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear, and wherein a planetary gear is functionally arranged between the rotor and the reduction gear.

✓Claim 34 (71), line 2: delete "the" before "planet".

09/194,991
AP 8985 (64098-0612)
Paper 12
Page 5

✓ Claim 34 (71), line 3: delete "the inner side of the housing" and insert -- an inner side of a housing -- therefor.

✓ Claim 35 (72), line 4: delete "the region" and insert -- a region -- therefor.

B⁶

36 (73). (Once amended) Electromechanical component for actuating a vehicle parking brake [according to Claim 38] of the type including a drum brake including two brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear, and wherein a [the] housing of the actuating unit is provided with a constriction that serves for mounting the actuating unit by rolling up [the] edges of a cutout in a dirt trap that protects the drum brake from the admission of dirt.

37 (74). (Once amended) Electromechanical component for actuating a vehicle parking brake [according to Claim 38] of the type including a drum brake including two brake shoes and an expanding lock, said electromechanical component comprising:

an actuating unit connected to a power transmission element, wherein the actuating unit consists of an electric motor and a reduction gear arranged between the electric motor and the power transmission element, wherein a rotor of the electric motor is shaped in a hollow or tubular fashion and radially encompasses said reduction gear, and wherein the drum brake is realized in the form of a dual power brake.

REMARKS

I. Introduction

Applicants thank Examiner Waks for thorough examination of the application that found its expression in the Office action (Paper 11). Applicants canceled claims 1 (38) (new number for a corresponding claim added in a preliminary amendment), 10 (47), 26-